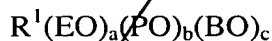


(b) from about 0.1% to about 15% by weight of the composition of a nonionic surfactant, wherein said nonionic surfactant is selected from the group consisting of:

(i) a nonionic surfactant of the formula



wherein  $R^1$  is a linear or branched  $C_6$  to  $C_{20}$  alkyl;  $a$  is from 2 to 30;  $b$  is from 0 to 30;  $c$  is from 1 to 30, and said nonionic surfactant has an X/Y number less than 1.90;

(ii) a nonionic surfactant of the formula:



wherein  $R^1$  is a linear or branched, saturated or unsaturated, aliphatic or aromatic hydrocarbon radicals having from 1 to 30 carbon atoms;  $R^2$  is a linear or branched, saturated or unsaturated, aliphatic or aromatic hydrocarbon radicals having from 1 to 30 carbon atoms, wherein  $R^2$  optionally contains from 1 to 5 hydroxy groups, and wherein  $R^2$  optionally is substituted with an ether group;  $R^3$  is H, or a linear aliphatic hydrocarbon radical having from 1 to 4 carbon atoms;  $e$  is an integer having an average value from 1 to 40; wherein  $R^2$  can optionally be alkoxylated, wherein said alkoxy is selected from ethoxy, propoxy, butoxy, and mixtures thereof; and

(iii) mixtures thereof;

(c) optionally, from about 0.1% to about 40% by weight of the composition of a bleaching agent; and

(d) adjunct materials.

11. (New) The automatic dishwashing detergent composition according to Claim 1 wherein said builder is a phosphate builder.

12. (New) The automatic dishwashing detergent composition according to Claim 1 further comprising a co-surfactant selected from the group consisting of low cloud point nonionic surfactants, high cloud point nonionic surfactants, anionic surfactants, and mixtures thereof.

13. (New) The automatic dishwashing detergent composition according to Claim 12 wherein the high cloud point nonionic surfactants are selected from the group consisting

of straight chain fatty alcohols containing from about 6 to about 20 carbon atoms, branched chain fatty alcohols containing from about 6 to about 20 carbon atoms, secondary fatty alcohols containing from about 6 to about 20 carbon atoms, branched alcohol ethoxylates condensed with an average of from about 6 to about 15 moles of ethylene oxide per mole of alcohol, secondary alcohol ethoxylates condensed with an average of from about 6 to about 15 moles of ethylene oxide per mole of alcohol, and mixtures thereof.

14. (New) The automatic dishwashing detergent composition according to Claim 12 wherein the low cloud point nonionic surfactants are selected from the group consisting of ethoxylates derived from primary alcohol, polyoxypropylene/polyoxyethylene/polyoxypropylene reverse block polymers, ethoxylated-propoxylated alcohol, epoxy-capped poly(oxyalkylated) alcohols, and mixtures thereof.
15. (New) The automatic dishwashing detergent composition according to Claim 14 wherein the low cloud point nonionic surfactants have a cloud point of less than about 20°C.
16. (New) The automatic dishwashing detergent composition according to Claim 15 wherein the low cloud point nonionic surfactants have a cloud point of less than about 10°C.
17. (New) The automatic dishwashing detergent composition according to Claim 13 wherein the high cloud point nonionic surfactants have a cloud point of greater than about 50°C.
18. (New) The automatic dishwashing detergent composition according to Claim 17 wherein the high cloud point nonionic surfactants have a cloud point of greater than about 60°C.
19. (New) The composition according to Claim 1 wherein said a nonionic surfactant is selected from the group consisting of C<sub>9</sub>,11PO<sub>3</sub>EO<sub>13</sub>PO<sub>15</sub>; C<sub>9</sub>,11PO<sub>3</sub>EO<sub>13</sub>BO<sub>6</sub>; C<sub>9</sub>,11PO<sub>3</sub>EO<sub>13</sub>BO<sub>3</sub>; C<sub>9</sub>,11EO<sub>13</sub>BO<sub>6</sub>; C<sub>9</sub>,11EO<sub>13</sub>BO<sub>3</sub>; C<sub>9</sub>,11BO<sub>1</sub>EO<sub>13</sub>BO<sub>3</sub>; C<sub>9</sub>,11EO<sub>8</sub>BO<sub>3</sub>; C<sub>12</sub>,15EO<sub>7</sub>BO<sub>2</sub>; C<sub>9</sub>,11EO<sub>8</sub>BO<sub>2</sub>; C<sub>9</sub>,11EO<sub>8</sub>BO<sub>1</sub>; C<sub>12</sub>,13EO<sub>6.5</sub>TBO<sub>1</sub>; C<sub>9</sub>,11EO<sub>8</sub>C(CH<sub>3</sub>)<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>; C<sub>11</sub>/15EO<sub>15</sub>PO<sub>6</sub>C<sub>12</sub>/14; C<sub>9</sub>,11EO<sub>8</sub>(CH<sub>2</sub>)<sub>4</sub>CH<sub>3</sub>; and mixtures thereof.

20. (New) The automatic dishwashing detergent composition according to Claim 1 comprising a bleaching agent selected from the group consisting of hydrogen peroxide, a source of hydrogen peroxide, and mixtures thereof.

21. (New) The automatic dishwashing detergent composition according to Claim 1 comprising said bleaching agent, wherein said bleaching agent is dibenzoyl peroxide.

22. (New) The automatic dishwashing detergent composition according to Claim 1 comprising said bleaching agent selected from the group consisting of sodium perborate, sodium percarbonate, and mixtures thereof.

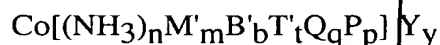
23. (New) The automatic dishwashing detergent composition according to Claim 1 comprising said bleaching agent, wherein said bleaching agent is dichloroisocyanurate.

24. (New) The automatic dishwashing detergent composition according to Claim 1 comprising said bleaching agent, wherein the bleaching agent is a chlorine bleaching agent.

25. (New) The automatic dishwashing detergent composition according to Claim 1 further comprising a bleach activator material selected from the group consisting of tetraacetylenediamine, cationic bleach activators, and mixtures thereof.

26. (New) The automatic dishwashing detergent composition according to Claim 1 further comprising a metal-containing bleach catalyst selected from manganese-containing bleach catalysts, cobalt-containing bleach catalysts, and mixtures thereof.

27. (New) The automatic dishwashing detergent composition according to Claim 26 wherein the cobalt-containing bleach catalyst has the formula:



wherein cobalt is in the +3 oxidation state; n is an integer from 0 to 5; M' represents a monodentate ligand; m is an integer from 0 to 5; B' represents a bidentate ligand; b is an integer from 0 to 2; T' represents a tridentate ligand; t is 0 or 1; Q is a tetradentate ligand; q is 0 or 1; P is a pentadentate ligand; p is 0 or 1; and  $n + m + 2b + 3t + 4q + 5p = 6$ ; Y is one or more appropriately selected counteranions present in a number y, where y is an integer from 1 to 3, to obtain a charge-balanced salt; and wherein further at least one of the coordination sites attached to the cobalt is labile under automatic dishwashing use conditions and the remaining coordination sites stabilize the cobalt under automatic dishwashing conditions such that the reduction potential for cobalt

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(III) to cobalt (II) under alkaline conditions is less than about 0.4 volts versus a normal hydrogen electrode.

28. (New) The automatic dishwashing detergent composition according to Claim 27 wherein the bleach catalyst is selected from the group consisting of pentaamineacetatocobalt (III) nitrate, MnTACN, and mixtures thereof.

29. (New) The automatic dishwashing detergent composition according to Claim 1 further comprising a deterative enzyme.

az  
30. (New) The automatic dishwashing detergent composition according to Claim 29 wherein said deterative enzyme is selected from the group consisting of proteases, lipases, cellulases, amylases, and mixtures thereof.

31. (New) ~~The automatic dishwashing detergent composition according to Claim 1 further comprising less than about 0.1% of active suds suppressing agent.~~

32. (New) The automatic dishwashing detergent composition according to Claim 1 is in the form of granules, tablets, or liquidgels.


33. (New) A method of washing tableware in a domestic automatic dishwashing appliance, said method comprising treating the soiled tableware in an automatic dishwasher with an aqueous alkaline bath comprising an automatic dishwashing composition according to Claim 1.

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### STATUS OF THE CLAIMS

The support for these amendments is found in the claims and specification as originally filed. These amendments are being entered to bring the claims into conformance with, *inter alia*, 37 CFR 1.75. No new matter is added. Claims 1, and 11 thru 33 are now pending in this application.

By



August 13, 2001  
Cincinnati, Ohio  
(7441 PrelimAmend-.doc)

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